

Title (en)
Surgical drill and retractor

Title (de)
Chirurgische Bohrer und Retraktor

Title (fr)
Perceuse et écarteur chirurgicaux

Publication
EP 1364617 A2 20031126 (EN)

Application
EP 03018620 A 19971022

Priority
• EP 97912829 A 19971022
• US 73491196 A 19961022
• US 82253097 A 19970324

Abstract (en)
The present invention relates to a system (200) for drilling a bore in adjacent vertebrae (V1,V2) to facilitate the insertion of a fusion implant (100), which comprises: a surgical retractor (202) including a sleeve member (210) having proximal (212) and distal (214) end portions and defining a longitudinal opening, the distal end portion (214) configured for insertion at least partially into an intervertebral space between adjacent opposed vertebrae (V1,V2) to distract the adjacent vertebrae (V1,V2), the sleeve member (210) including an internal threaded portion (1240); a drill instrument (204) positionable within the longitudinal opening of the surgical retractor (202), the drill instrument (204) including a drill member (224) having a distal cutting head and an external threaded portion (2280) engageable with the internal threaded portion (1240) of the retractor (202) whereby rotation of the drill instrument (204) causes distal translation of the drill instrument (204) relative to the surgical retractor (202).
<IMAGE>The present invention relates to a system (200) for drilling a bore in adjacent vertebrae (V1,V2) to facilitate the insertion of a fusion implant (100), which comprises: a surgical retractor (202) including a sleeve member (210) having proximal (212) and distal (214) end portions and defining a longitudinal opening, the distal end portion (214) configured for insertion at least partially into an intervertebral space between adjacent opposed vertebrae (V1,V2) to distract the adjacent vertebrae (V1,V2), the sleeve member (210) including an internal threaded portion (1240); a drill instrument (204) positionable within the longitudinal opening of the surgical retractor (202), the drill instrument (204) including a drill member (224) having a distal cutting head and an external threaded portion (2280) engageable with the internal threaded portion (1240) of the retractor (202) whereby rotation of the drill instrument (204) causes distal translation of the drill instrument (204) relative to the surgical retractor (202). <IMAGE>

IPC 1-7
A61B 17/02; **A61B 17/16**; **A61F 2/44**; **A61F 2/46**

IPC 8 full level
A61B 17/02 (2006.01); **A61B 17/17** (2006.01); **A61F 2/30** (2006.01); **A61F 2/44** (2006.01); **A61F 2/46** (2006.01); **A61F 2/00** (2006.01); **A61F 2/28** (2006.01)

CPC (source: EP)
A61B 17/025 (2013.01); **A61B 17/1757** (2013.01); **A61F 2/30744** (2013.01); **A61F 2/446** (2013.01); **A61F 2/4611** (2013.01); **A61B 2017/0256** (2013.01); **A61F 2/442** (2013.01); **A61F 2002/2835** (2013.01); **A61F 2002/30113** (2013.01); **A61F 2002/30125** (2013.01); **A61F 2002/30154** (2013.01); **A61F 2002/30228** (2013.01); **A61F 2002/30235** (2013.01); **A61F 2002/30405** (2013.01); **A61F 2002/30593** (2013.01); **A61F 2002/30616** (2013.01); **A61F 2002/30622** (2013.01); **A61F 2002/30774** (2013.01); **A61F 2002/30785** (2013.01); **A61F 2002/30787** (2013.01); **A61F 2002/3085** (2013.01); **A61F 2002/30863** (2013.01); **A61F 2002/448** (2013.01); **A61F 2002/4627** (2013.01); **A61F 2002/4687** (2013.01); **A61F 2220/0025** (2013.01); **A61F 2230/0006** (2013.01); **A61F 2230/0008** (2013.01); **A61F 2230/0021** (2013.01); **A61F 2230/0069** (2013.01); **A61F 2310/00017** (2013.01); **A61F 2310/00023** (2013.01); **A61F 2310/00179** (2013.01)

Citation (applicant)
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Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 9817208 A2 19980430; **WO 9817208 A3 19981217**; AU 4991997 A 19980515; DE 69724288 D1 20030925; DE 69724288 T2 20040819; DE 69733976 D1 20050915; DE 69733976 T2 20060601; EP 1006955 A2 20000614; EP 1006955 B1 20030820; EP 1364617 A2 20031126; EP 1364617 A3 20031203; EP 1364617 B1 20050810; ES 2244871 T3 20051216

DOCDB simple family (application)
US 9718998 W 19971022; AU 4991997 A 19971022; DE 69724288 T 19971022; DE 69733976 T 19971022; EP 03018620 A 19971022; EP 97912829 A 19971022; ES 03018620 T 19971022